

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A ~~device (1)~~ device for analyzing at least one analyte, ~~comprising,~~ comprising:
~~firstly, a biochip (2) comprising a support (9), for example a polyhedral support, comprising an active face (3) comprising an active surface (31), onto which are distributed and attached a plurality of ligands (4) used for the analysis, at least one face (6) opposite the active face (3), and a transverse peripheral strip (7) connecting the active (3) and opposite (6) faces, comprising, for example, several sides (71, 74), and, secondly, a container (8), and also an attachment means (5) placed on both sides of the active face (3) of the biochip (2), and connecting, on one side, the transverse strip (7) of the biochip, virtually excluding any other part, face or surface of said biochip (2) and, on the other side, the container (8), virtually completely exposing the peripheral zone (32) of the active face (3) of the biochip (2), the container (8) and the biochip (2) delimiting a reaction compartment (10), characterized in that the biochip (2) is in contact with the container (8) only via the attachment means (5), placed between, on one side, the transverse strip (7) of the biochip and, on the other side, the container (8); cf, figure 2 for example.~~
a biochip with a support, comprising:
an active face including an active surface onto which are distributed
and bound a plurality of ligands used for the analysis and a peripheral zone,
at least one face opposite to the active face, and
a transverse peripheral strip connecting the active and opposite faces
and comprising several sides;
a container; and

an attachment means placed on opposite lateral sides of the active face of the biochip and connecting the transverse peripheral strip of the biochip, excluding any other part, face or surface of the biochip, to the container, completely exposing the peripheral zone of the active face of the biochip, the container and the biochip delimiting a reaction compartment, the biochip being in contact with the container only via the attachment means.

2. (Currently Amended) A ~~device~~ device for analyzing at least one analyte, ~~comprising,~~ comprising:
firstly, a biochip (2) comprising a support (9), for example a polyhedral support, comprising an active face (3) comprising an active surface (31), onto which are distributed and attached a plurality of ligands (4) used for the analysis, at least one face (6) opposite the active face (3), and a transverse peripheral strip (7) connecting the active (3) and opposite (6) faces, comprising, for example, several sides (71, 74), and, secondly, a container (8) which has a window (81), through which said biochip is attached via an attachment means (5) placed on both sides of the active face (3) of the biochip (2), the container (8) and the biochip (2) delimiting a reaction compartment (10), characterized in that the attachment means (5) of the biochip (2) connects, on one side, the transverse strip (7) of the biochip, virtually excluding any other part, including face or surface, of said biochip, virtually completely exposing the peripheral zone (32) of the active face (3) of said biochip and, on the other side, the frame of the window (81) of the container (8).

a biochip with a support, comprising:
an active face including an active surface onto which are distributed and bound a plurality of ligands used for the analysis and a peripheral zone,
at least one face opposite to the active face, and
a transverse peripheral strip connecting the active and opposite faces,
comprising several sides;

a container having a window, through which the biochip is attached via an attachment means placed on opposite lateral sides of the active face of the biochip, the biochip and the container delimiting a reaction compartment, the attachment means of the biochip connecting the transverse peripheral strip of the biochip excluding any other part of the biochip, to a frame of the window of the container in order to expose the peripheral zone of the active face of the biochip.

3. (Currently Amended) The device as claimed in ~~claim 1,~~ claim 2, characterized in that the frame of the ~~window (81)-~~ window has an edge parallel to the transverse ~~strip (7)~~ strip of the biochip.

4. (Currently Amended) The analytical device as claimed in claim 1, characterized in that the attachment means completely exposes the active ~~face (3)-~~ face.

5. (Currently Amended) The analytical device as claimed in claim 4, characterized in that the active ~~surface (31)-~~ surface merges with the surface of the active ~~face (3)-~~ face.

6. (Currently Amended) The analytical device as claimed in claim 1, characterized in that the attachment ~~means (5)-~~ means is an adhesive.

7. (Currently Amended) The analytical device as claimed in claim 2, characterized in that the ~~container (8)-has a-~~ container window (81) ~~with~~ has a transverse profile substantially identical to that of the ~~support (9)-~~ support of the ~~biochip (2)-~~ biochip.

8. (Currently Amended) The analytical device as claimed in claim 2, characterized in that the ~~window (81)-~~ window of the ~~container (8)-~~ container is equipped with a means ~~which allows for~~ allowing a surplus of adhesive to be stored without ~~it-~~ the adhesive overflowing onto the peripheral ~~zone (32)-~~ zone of the ~~biochip (2)-~~ biochip.

9. (Currently Amended) The device as claimed in claim 8, characterized in that the means for ~~storing-allowing~~ a surplus of adhesive consists of a beveled ~~shape (14)-shape~~ at the a level of the ~~window (81)-window~~ of the container.

10. (Currently Amended) The analytical device as claimed in claim 7, characterized in that ~~the-an~~ interstice between the border of the ~~window (81)-window~~ and the transverse ~~strip (7)-strip~~ of the biochip is between 2 mm and 0.05 mm, advantageously between 0.5 mm and 0.05 mm, and preferentially between 0.2 mm and 0.1 mm.

11. (Currently Amended) The analytical device as claimed in claim 1, characterized in that the attachment means extends along the entire transverse ~~strip (7)-strip~~ of the biochip.

12. (Currently Amended) The analytical device as claimed in claim 1, characterized in that the attachment ~~means (5)-means~~ connects two opposite zones of the transverse ~~strip (7)-strip~~, to the ~~container (8)-container~~.

13. (Original) The analytical device as claimed in claim 6, characterized in that the adhesive comprises a component which can be cured by ultraviolet radiation.

14. (Currently Amended) The analytical device as claimed in claim 1, characterized in that the ~~support (9)-support~~ of the ~~biochip (2)-biochip~~ is a parallelepiped, the ~~active (3)-active~~ and ~~opposite (6)-opposite~~ faces of which are each rectangular or square.

15. (Currently Amended) The analytical device as claimed in claim 1, characterized in that the reaction ~~compartment (10)-compartment~~ is arranged so as to bring a liquid medium, subjected to the analysis, and the active ~~surface (31)-surface~~ of the biochip into contact.

16. (Currently Amended) The analytical device as claimed in claim 15, characterized in that the attachment ~~means (5)-means~~ ensures that the reaction ~~compartment (10)-compartment~~ is leaktight with respect to the outside.

17. (Currently Amended) The analytical device as claimed in claim 1, characterized in that the active ~~surface (31)~~surface of the biochip has a surface area of less than 100 mm², advantageously less than 65 mm², and preferentially less than 30 mm².

18. (Currently Amended) The analytical device as claimed in claim 1, characterized in that the active ~~surface (31)~~surface of the biochip represents at least 75% of the surface area of the active ~~face (3)~~face.

19. (Previously Presented) The analytical device as claimed in claim 1, characterized in that the ligands are nucleic acids.

20. (Currently Amended) The analytical device as claimed in claim 8, characterized in that the means for storing a surplus of adhesive consists of a concavity present on all or part of the surround of the ~~window (81)~~window of the ~~container (8)~~container, such as a groove or a channel.

21. (Currently Amended) The analytical device as claimed in claim 1, characterized in that the attachment ~~means (5)~~means comprises means which are ~~flexible (12)~~flexible at the ~~a~~a level of the ~~window (81)~~window of the ~~container (8)~~container, and exert a pressure on the transverse ~~strip (7)~~strip of the ~~biochip (2)~~biochip so as to facilitate the positioning and/or the maintaining in position of ~~said the~~said the biochip.

22. (Currently Amended) The analytical device as claimed in claim 21, characterized in that the flexible ~~means (12)~~means consist of two interdependent components, namely an intermediate component inclined relative to the opposite ~~face (6)~~face of the biochip, and an end component substantially perpendicular to ~~said the~~said the opposite face, ~~said the~~said the end component exerting a pressure on the transverse ~~strip (7)~~strip of the biochip.

23. (Currently Amended) The analytical device as claimed in claim 21, characterized in that the flexible ~~means (12)~~means comprise claws, the cross section of ~~which is the claws being~~which is the claws being substantially triangular.

24. (Currently Amended) A process for attaching a biochip to a container, for producing an analytical device as claimed in claim 1, characterized in that the ~~biochip (2)~~ biochip is maintained opposite the ~~container (8), container,~~ in that a liquid adhesive seal is distributed between the transverse ~~strip (7) strip~~ of the biochip and the ~~container (8), container,~~ and in that the ~~adhesive (5) adhesive~~ is cured by ultraviolet radiation.

25. (Currently Amended) The attachment process as claimed in claim 24, characterized in that the ~~biochip (2) biochip~~ is positioned relative to the ~~container (8) container~~ so as to place the transverse ~~strip (7) strip~~ of the biochip opposite the frame of the ~~window (81) window~~ of the ~~container (8), container~~.

26. (Currently Amended) The attachment process as claimed in claim 25, characterized in that the at least one of the ~~biochip (2) biochip and/or and the container (8) container~~ is ~~(are)~~ maintained on ~~the~~ a positioning means by applying a vacuum.

27. (Previously Presented) The attachment process as claimed in claim 24, characterized in that ultraviolet radiation is applied to the adhesive seal on at least one of the faces of the analytical device.

28. (Currently Amended) The attachment process as claimed in claim 24, characterized in that a mask is positioned between the biochip and the ultraviolet radiation in order to protect the ~~ligands in the active surface (31) ligands~~.